

Video Doorbell



HP-97DB20PE-W-AI

Wi-Fi Video Doorbell















Specification

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Model

HP-97DB20PE-W-AI

Image Sensor 1/2.8" Progressive Scan CMOS **Image Size** 1920*1080 **Electronic Shutter** 1/2s ~ 1/100000s **IRIS** Type **Fixed IRIS MIN.** Illumination O lux (white LED ON) Lens 2.3mm @F2.2; Vertical FOV: 74 Horizontal FOV: 139, Diagonal FOV: 170 **Lens Mount**

WDR 80dB BLC / HLC / Defog Yes DNR 2D / 3D NR

Image

Video Compression H.265+ / H.265 / H.264+ / H.264 / MJPEG

Baseline Profile / Main Profile / High Profile **H.264 Compression Standard**

Bit rate Type Bit Rate 64Kbps ~ 4Mbps

Resolution 1080P(1920*1080), 720P(1280*720), D1 **Main Stream** 60Hz: 1920*1080 / 1280*720(1~30fps); 50Hz: 1920*1080 / 1280*720(1~25fps)

Sub Stream 60Hz: 720P / D1 / CIF(1~30fps); 50Hz: 720P / D1 / CIF(1~25fps)

Image Setting Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through

client or web browser

Audio Compression G711A/U

Feature

* Max. resolution: 2MP (1920*1080)

hi-view

- * Wide field of view achieving doorway security monitoring
- * Access control function
- * Noise suppression and echo cancellation
- * Visual intercom function: two-way remote communication between the doorbell / mobile APP
- * Support door opening by swiping card or mobile APP
- * Support IR and white LED lights
- * Support tampering alarm and door contact alarm
- * 2.4G Wi-Fi
- * Built-in micro SD card slot, up to 256GB
- * Intelligent Analysis: video exception detection, face detection, face capture, etc.

Card

Card Type Mifare card / Desfire card / FM1208 Card / Gicard **Card Reading Protocol** IS014443A/B **Card Reading Frequency** 13.56MHz **Card Reading Duration Card Reading Distance** 0~3cm Max.3,000 **Card Number Storage**

Interfaces

100M RJ45 **Network** Audio Built-in MIC*1, built-in speaker*1 **RS485 Alarm** 1 CH alarm input **Door Lock Output** 1 CH **Exit Button** 1 CH **Door Contact Input** 1 CH

Anti-Tamper Interface 1 CH **Reset Button**

Storage 1 CH built-in micro SD card slot, up to 256GB



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Wiegand Interface Yes (Wiegand input or output configurable) WiFi Supports 2.4G WiFi function **Doorbell Button** Yes

Indicator Yes

Function

Remote Monitoring Web client / CMS remote control Online Connection Supports simultaneous monitoring for

up to 3 users

Supports multi-stream real time transmission **Network Protocol** UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS,

SMTP, FTP, UPnP, HTTPS, HTTP

Interface Protocol **ONVIF**

Storage Network **Intelligent Analytics**

General Function

detection, video blur detection, video cast detection

Watermark, IP address filtering, video mask,

heartbeat, illegal login, image distortion correction

Face detection, face capture, scene change

remote storage, micro SD card storage

Swiping card or APP remote control

Door Opening Mode White Light Distance 0.3-1m soft light

IR Light Distance Ingress Protection

0.3-3m **IP65**

Face

Face Detection

Pupil distance of a facial image over 20 pixel

can be detected

Face Capture Outputting the optimal face image by precise

detecting, tracing, capturing, scoring and screening

the moving faces

Supports original image capturing and self-defined **Original Image Capturing**

overlaid information (like device ID, time, etc.) Built-in high efficient white light LEDs

Intelligent Light Compensation

Others

DC12V / 0.5A **Power**

PoE Power Supply Yes < 6W

Power Consumption

Environmental Protection

Working Environment

RoHS 2.0 REACH WEEE directive94/62/EC

-20°C ~ 50°C, Humidity: less than 95%

150mm*50mm*29.8mm Dimensions(mm)

(non-condensing)

Weight (net) Approx.145q